

"It is O.K. to enter!"

Thanks,  
HADN  
03/04/2008

New PCT National Phase Application  
Docket No. 32860-001017/US

**ABSTRACT OF THE DISCLOSURE**

A device for detecting wear of switching contacts in an electric switch appliance is disclosed, the wear of the contacts being caused at least at a pair of switching contacts appliance. The device includes a lightwave guide and a detector. A light exiting from at least one light source is capable of being injected into the lightwave guide and guided by the lightwave guide up to the detector. The lightwave guide is arranged relative to the pair(s) of switching contacts, such that the intensity of the light injected in the lightwave guide, which is measured by the detector, decreases in the switching appliance as the number of wear particles of contacts generated by the wear of the contacts increases.